AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A computer system configured for communications, comprising :

a processor ~~(102)~~;

a first operating system ~~201)~~ running on the processor ~~(102)~~;

a second operating system ~~(202)~~ running on the processor ~~(102)~~; and

a network interface ~~(118)~~ for communicating data,

in which the first and second operating systems are arranged to share usage of the network interface ~~(118)~~;

characterised in that the network interface operates using a single set of network logical addresses common to both operating systems.

2. (Currently Amended) A system according to claim 1, in which the first operating system ~~(201)~~ is a real time operating system.

3. (Currently Amended) A system according to claim 1, in which the second operating system ~~(202)~~ is a general purpose operating system.

4. (Currently Amended) A system according to claim 1, in which code ~~(205)~~ associated with the first operating system is arranged to receive all incoming packets, and to forward to the second operating system ~~(202)~~ those packets which are not specifically for use by the first operating system ~~(201)~~ or applications ~~(207)~~ running thereon.

5. (Currently Amended) A system according to claim 1, comprising a transmission scheduler ~~(258)~~ which is arranged to selectively forward outgoing data packets from the first and second operating systems ~~(201,202)~~ for transmission through the network interface ~~(118)~~.

6. (Currently Amended) A system according to claim 5, in which the transmission scheduler ~~(258)~~ is arranged to give priority to the first operating system ~~(201)~~.

7. (Currently Amended) A system according to claim 5, in which the transmission scheduler ~~(258)~~ is arranged not to send any packets from the second operating system ~~(202)~~ while there are packets for transmission from the first operating system ~~(201)~~.

8. (Original) A system according to claim 1, which is arranged to communicate using Internet protocols.

9. (Currently Amended) A system according to claim 1, in which the first operating system comprises a UDP/IP stack ~~(205)~~ for handling UDP datagrams.

10. (Currently Amended) A system according to claim 8, in which the second operating system comprises a TCP/IP protocol stack ~~(206)~~.

11. (Currently Amended) A system according to claim 1, in which said first and second operating systems ~~(201,202)~~ both operate on a single processor ~~(102)~~.

12. (Currently Amended) A system according to claim 11, comprising an inter-operating system communications channel ~~(260)~~ for carrying messages between said first and second operating systems ~~(201,202)~~, and/or applications running thereon ~~(207,208)~~.

13. (Currently Amended) A system according to claim 1, in which the first operating system ~~(201)~~ has a first subset of address ports and the second operating system ~~(202)~~ has a second subset of address ports, each said subset comprising at least one address port, said first and second subsets being mutually exclusive.

14. (Currently Amended) A system according to claim 1, in which the second operating system ~~(202)~~ provides commands allowing a user to configure the network interface ~~(118)~~.

15. (Original) A system according to claim 1, comprising code for providing a real time data transmission channel for communicating data and associated control and/or supervisory signals, in which the code comprises:

first code operating under said first operating system for communicating said data; and

second code operating under said second operating system for communicating said control and/or supervisory signals.

16. (Original) A system according to claim 15, in which the first operating system is arranged to use a UDP/IP protocol stack to communicate said data.

17. (Currently Amended) A voice-over-Internet communications system, comprising a computer ~~(100)~~ concurrently running first and second operating systems ~~(201, 202)~~, the first operating system ~~(201)~~ being a real time operating system and the second operating system ~~(202)~~ being a general purpose operating system, in which the first

operating system is arranged to communicate voice data and the second operating system ~~(201)~~ is arranged to communicate signalling and/or supervisory data, using respective first and second TCP/IP stacks sharing a common IP address.

18. (Original) A method of providing network access to a computer, comprising providing first and second operating systems on the computer, operating concurrently, characterised by sharing a logical network address and allowing said operating systems to share access to a network interface of said computer.

19. (Currently Amended) A computer program product comprising code for causing a computer ~~(100)~~ to perform the method of claim 18.

20. (Currently Amended) A computer system configured for communications, comprising:

a processor ~~(102)~~;

a first operating system running on the processor;

a second operating system running on the processor; and

a network interface ~~(118)~~ for communicating data,

characterised in that the first and second operating systems are arranged to share usage of the network interface.